

To: File
From: John Nordine, U.S. EPA
Date: November 1, 2016, 1000 hours
Subject: Techalloy Inc. (Central Wire Industries), Union Illinois EPA ID# ILD 005 178 975, Migration of Contaminate Plume Off-site.

On November 11, 2016, at 10: am, John Nordine of the U.S. EPA and Bob Kay of the USGS had a phone conversation with Jack Thorsen of Autumwood Consultants and 'Gerry' Roupp and Robert Johnson representatives of the Techalloy Facility in Union, Illinois. The meeting discuss the threat of the contaminated groundwater plume emanating from the Techalloy Facility to the irrigation well at the

Ex. 6 Personal Privacy (PP)

U.S. EPA noted that a volatile organic compounds (VOC)'s plume had migrated to within a couple hundred feet of the irrigation well at the Ex. 6 Personal Privacy (PP) and that Techalloy needed to take steps to address the public health situation that contamination of this well would cause.

Jack Thorsen noted that the VOC levels in the aquifer were low and that water and air sampling could be done to assess the threat posed by spraying of water from this well on the Ex. 6 Personal Privacy (PP) to the workers at the Ex. 6 Personal Privacy (PP)

Techalloy also noted that the Ex. 6 Personal Privacy (PP) well could be replaced by a well drilled into the underlying St. Peter aquifer or that water could be treated at the wellhead.

John noted that EPA had a preference to remediate contamination rather than avoid it and that the plume also posed a threat to a number of residential supply wells along State Route 176 north of the

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Techalloy suggested that any affected residential wells could be replaced with St. Peter wells too, and that this process was consistent with steps taken to provide alternate water supply for other wells in the Union area. They also noted that plume remediation would be expensive and might not work.

U.S. EPA suggested performing a pilot test to determine if Nano-carbon injection would be effective for plume remediation option as proposed by facility.

Techalloy stated they would provide the final report on the 2016 RCRA CMI Field Investigation Work by December 15, 2016

Techalloy stated they would consider a pilot test. Techalloy to provide to U.S. EPA with a proposal report for remediation of the plume by January 31, 2017

Techalloy to provide to U.S. EPA figures (3d or fence diagrams) depicting the extent and location of the VOC plume from the facility to the Ex. 6 Personal Privacy (PP) well to EPA.

Techalloy agrees to provide these figures in a submission by December 15, 2016.